

WILDLIFE HARVEST STATUS REPORT
SMALL GAME HARVEST SURVEY -- 2008-2009

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INTRODUCTION

The Small Game Harvest Survey has been sent annually, since 1967, to samples of permit holders eligible to hunt small game in Missouri. This mail questionnaire asks permit holders if they hunted small game, how many of each of the small game species they harvested, where they hunted most for each species, and how many days they hunted for each species. This survey is conducted after the end of the small game hunting season (usually in late February).

Beginning with the 1996-97 hunting season, the Small Game Harvest Survey has used the Point of Sale (POS) database of permit buyers to compile the sampling frame. Stratification of the sampling frame has been used to reduce the variation within the estimates, and non-residents have been included in the survey since 1996. Therefore, the results from the 2008-2009 Small Game Harvest Survey should only be compared to the 12 previous survey efforts. For the purposes of this status report, the current year's estimates are compared to the previous year's estimates and the five-year means.

Estimates of hunter numbers, harvest, and effort (days afield) were calculated for 18 small game species from the results of the 2008-2009 Small Game Harvest Survey. Questionnaires were mailed to 9,000 people who held one of the following permits allowing them to hunt small game during the 2008-2009 season:

- Resident Small Game Hunting Permit
- Non-Resident Small Game Hunting Permit
- Resident Combination Hunting and Fishing Permit
- Daily Small Game Hunting Permit
- Lifetime Hunting Partner Permit
- Lifetime Conservation Partner Permit

Permits for 2009, sold between December 1, 2008 and February 28, 2009, were also valid during the 2008-2009 small game season and were included in the sampling frame for this survey. Of the 8,569 questionnaires successfully delivered, a total of 3,886 responses were received, representing a 45.3% response rate. Of the surveys received, 3,691 were useable for analysis, representing an adjusted response rate of 43.1%.

HUNTER NUMBERS

Based on survey responses from our sample, an estimated 62.2% of permit holders hunted small game, down from 66.1% in 2007-2008. Estimated statewide hunter numbers in 2008-2009 showed potential decreases for all 18 species. Overall, estimated statewide hunter numbers apparently declined, with an estimated 133,626 individuals hunting some species of small game in Missouri, compared to 149,662 hunters in the 2007-2008 season. An additional summary of hunter numbers by Missouri Department of Conservation (MDC) region (Figure 1) is included for rabbit (Table 2), squirrel (Table 3), quail (Table 4), dove (Table 5), pheasant (Table 6), woodcock (Table 7), crow (Table 8), ducks (Table 9), Canada geese (Table 10), snow geese (Table 11), raccoon (Table 12), groundhog (Table 13), gray fox (Table 14), red fox (Table 15), coyote (Table 16), opossum (Table 17), bobcat (Table 18), and ruffed grouse (Table 19).

HARVEST AND EFFORT

Overall, total days spent afield by hunters for 2008-2009 decreased for most popular game species when compared to the previous year's estimates. Statistically significant decreases (as indicated by non-overlapping 95% confidence intervals) were observed for rabbit, squirrel, and dove hunters. The only potential statewide increases indicated, although not significant, were for groundhog, red fox, and Canada goose (Table 1).

Hunter success, as estimated by bag per day, appears to have remained relatively stable for most other species compared to last year's estimates, with no statistically significant changes observed (Table 1).

Average season bag was down for 7 of 18 species, although not significantly. Overall, statewide estimated average season bag remained relatively stable (Table 1).

Total statewide harvest estimates showed potential decreases for 12 of the 18 species surveyed, with statistically significant decreases in harvest observed for squirrel, quail, and dove. Six species of small game showed harvest estimates that were potentially higher than the previous year (Table 1). An additional summary of harvest and effort for each species by MDC region (Figure 1) is included for rabbit (Table 2), squirrel (Table 3), quail (Table 4), dove (Table 5), pheasant (Table 6), woodcock (Table 7), crow (Table 8), ducks (Table 9), Canada geese (Table 10), snow geese (Table 11), raccoon (Table 12), groundhog (Table 13), gray fox (Table 14), red fox (Table 15), coyote (Table 16), opossum (Table 17), bobcat (Table 18), and ruffed grouse (Table 19).

Table 1. Statewide summary for the Small Game Post-season Harvest Survey, 2008-2009, including resident and non-resident hunters.

Species	Value Estimated	Total Hunters	% Of Hunting Pressure	Bag Per Day	Avg. Season Bag	Avg. Days Afield	Total Harvest	Total Days Afield
RABBIT	Point Estimate	49,709	37.2	1.2	6.8	5.8	336,305	289,310
	95% CI	47,212- 51,547	35.3- 39.3	1.1- 1.3	5.7- 7.7	5.3- 6.4	285,656- 383,439	251,045- 326,535
	%Change from 2007-2008	-19.0	-9.3	12.6	-4.5	-15.8	-22.6	-31.7
	%Change from 5-year mean	-26.5	-15.0	-6.5	-8.6	-3.9	-32.8	-28.9
SQUIRREL	Point Estimate	63,447	47.5	1.4	11.5	8.1	731,035	512,071
	95% CI	60,697- 65,901	45.8- 50.0	1.3- 1.5	10.7- 12.2	7.4- 8.6	651,352- 795,000	456,933- 548,994
	%Change from 2007-2008	-11.4	-0.7	3.6	-13.6	-16.3	-23.4	-25.7
	%Change from 5-year mean	-19.0	-6.4	-7.4	-8.3	-1.3	-25.4	-19.8
QUAIL	Point Estimate	21,459	16.1	1.5	8.9	6.0	191,172	129,210
	95% CI	19,284- 23,393	14.4- 17.4	1.2- 1.7	7.9- 9.8	5.2- 7.6	165,695- 214,206	108,898- 162,495
	%Change from 2007-2008	-21.3	-11.8	-11.4	-6.7	6.6	-26.5	-16.1
	%Change from 5-year mean	-40.9	-31.5	-14.7	-13.8	1.9	-49.0	-39.7
DOVE	Point Estimate	32,355	24.2	4.1	15.9	3.9	513,831	125,036
	95% CI	30,388- 34,100	22.9- 25.4	3.8- 4.6	15.0- 17.5	3.7- 4.2	474,741- 566,043	111,504- 135,248
	%Change from 2007-2008	-12.4	-1.8	-0.2	-11.6	-11.4	-22.5	-22.4
	%Change from 5-year mean	-17.7	-5.0	-1.5	-14.7	-13.6	-29.7	-28.7
PHEASANT	Point Estimate	8,810	6.6	1.0	3.6	3.7	31,260	32,672
	95% CI	6,915- 9,947	5.2- 7.4	0.8- 1.2	2.9- 4.5	2.7- 4.3	20,169- 41,755	23,650- 42,694
	%Change from 2007-2008	-14.5	-4.1	50.8	11.5	-25.3	-5.0	-36.1
	%Change from 5-year mean	-23.7	-12.0	70.4	24.6	-26.6	-4.5	-43.9
WOODCOCK	Point Estimate	1,328	1.0	0.4	1.5	4.1	2,045	5,438
	95% CI	966- 1,706	0.7- 1.3	0.2- 0.9	1.1- 2.2	2.4- 6.2	1,256- 2,825	2,601- 9,905
	%Change from 2007-2008	-6.7	4.5	63.0	35.8	-16.8	26.8	-22.4
	%Change from 5-year mean	-25.2	-13.9	-23.3	-31.3	-10.2	-49.1	-33.0

Species	Value Estimated	Total Hunters	% Of Hunting Pressure	Bag Per Day	Avg. Season Bag	Avg. Days Afield	Total Harvest	Total Days Afield
CROW	Point Estimate	6,582	4.9	3.0	18.6	6.1	120,749	40,309
	95% CI	5,512- 7,476	4.1- 5.6	1.6- 4.9	7.3- 35.1	4.1- 8.0	42,769- 193,476	24,902- 54,701
	%Change from 2007-2008	-12.4	-1.9	109.9	112.7	-2.1	86.3	-14.2
	%Change from 5-year mean	-37.4	-27.4	55.5	52.8	-4.4	-2.6	-39.5
GROUNDHOG	Point Estimate	3,627	2.7	0.5	3.8	7.4	13,529	26,742
	95% CI	2,891- 4,974	2.1- 3.7	0.3- 0.9	2.3- 7.6	3.1- 11.1	7,504- 25,132	10,433- 40,883
	%Change from 2007-2008	-5.4	5.7	-5.2	13.3	24.6	7.3	17.8
	%Change from 5-year mean	-13.2	0.2	27.3	15.0	-14.5	2.2	-24.4
RACCOON	Point Estimate	10,957	8.2	1.3	21.4	15.9	234,623	174,561
	95% CI	9,356- 12,697	7.0- 9.4	1.0- 1.9	15.1- 30.5	13.8- 18.2	143,000- 329,039	129,418- 204,500
	%Change from 2007-2008	-16.2	-6.1	42.6	21.9	-14.4	2.1	-28.3
	%Change from 5-year mean	-8.8	5.7	32.4	44.3	10.1	33.5	1.9
GRAY FOX	Point Estimate	1,350	1.0	0.1	1.7	16.2	2,259	20,902
	95% CI	778- 1,909	0.6- 1.4	0.0- 0.4	1.0- 2.4	6.8- 26.0	1,043- 4,649	9,067- 41,093
	%Change from 2007-2008	-24.2	-15.2	30.0	40.4	23.1	6.0	-6.5
	%Change from 5-year mean	-10.7	3.5	32.7	69.9	35.4	53.3	21.5
RED FOX	Point Estimate	1,886	1.4	0.1	1.0	13.6	1,951	25,550
	95% CI	1,203- 2,363	0.9- 1.8	0.0- 0.2	0.5- 1.7	7.3- 21.7	591- 3,871	12,526- 49,142
	%Change from 2007-2008	-26.7	-18.0	-30.8	-1.9	52.1	-28.7	11.4
	%Change from 5-year mean	-15.9	-3.1	-11.8	-0.6	14.3	-18.3	-5.9
COYOTE	Point Estimate	17,990	13.5	0.3	3.1	10.0	55,595	180,012
	95% CI	16,893- 20,099	12.6- 15.0	0.3- 0.4	2.8- 3.4	8.7- 11.7	50,054- 62,397	154,190- 212,150
	%Change from 2007-2008	-20.0	-10.4	24.0	23.9	-3.3	-0.7	-22.6
	%Change from 5-year mean	-19.1	-6.6	21.1	13.0	-10.5	-7.7	-28.0

Species	Value Estimated	Total Hunters	% Of Hunting Pressure	Bag Per Day	Avg. Season Bag	Avg. Days Afield	Total Harvest	Total Days Afield
BOBCAT	Point Estimate	2,941	2.2	0.1	0.9	10.7	2,730	31,252
	95% CI	2,247- 3,273	1.7- 2.5	0.0- 0.3	0.5- 1.7	6.4- 17.6	1,483- 5,535	20,805- 56,286
	%Change from 2007-2008	-34.3	-26.6	66.7	21.6	-26.2	-20.0	-51.4
	%Change from 5-year mean	-25.2	-13.9	42.9	61.3	17.1	21.3	-11.7
OPOSSUM	Point Estimate	3,978	3.0	1.0	11.1	11.2	44,021	44,440
	95% CI	2,751- 4,587	2.1- 3.5	0.5- 1.5	5.3- 20.0	9.2- 15.0	18,513- 81,067	31,394- 60,819
	%Change from 2007-2008	-23.7	-14.5	33.3	2.9	-23.5	-21.5	-41.6
	%Change from 5-year mean	-13.9	-1.0	46.3	50.7	1.5	29.3	-13.0
RUFFED GROUSE	Point Estimate	139	0.1	0.0	0.2	10.0	26	1,309
	95% CI	53- 257	0.0- 0.2	0.0- 0.0	0.0- 1.0	2.0- 30.2	0- 59	107- 2,611
	%Change from 2007-2008	-50.5	-45.5	-96.0	-86.0	99.8	-93.2	-2.4
	%Change from 5-year mean	-14.2	-4.8	-94.6	-70.3	170.4	-83.2	226.4
DUCKS	Point Estimate	31,532	23.6	1.8	17.7	10.0	557,083	316,924
	95% CI	29,251- 33,700	21.8- 25.1	1.6- 1.9	16.4- 19.2	9.1- 11.0	515,988- 622,620	279,067- 364,100
	%Change from 2007-2008	-10.0	0.8	-2.2	1.0	3.5	-9.2	-6.9
	%Change from 5-year mean	-9.9	3.9	9.1	23.0	13.6	11.5	2.4
CANADA GEESE	Point Estimate	14,163	10.6	0.7	5.6	8.1	79,054	114,930
	95% CI	12,772- 15,608	9.6- 11.8	0.6- 0.8	4.7- 6.8	7.1- 9.2	61,321- 104,291	95,910- 141,778
	%Change from 2007-2008	-4.1	7.3	6.2	16.0	9.1	11.2	4.6
	%Change from 5-year mean	-3.9	10.7	21.9	38.0	13.3	32.9	9.2
SNOW GEESE	Point Estimate	6,150	4.6	2.4	14.4	6.2	88,889	38,069
	95% CI	5,363- 7,051	4.0- 5.2	1.4- 3.4	9.5- 18.4	5.5- 7.3	56,282- 126,887	31,822- 46,040
	%Change from 2007-2008	-6.9	4.4	-2.3	-32.9	-30.1	-37.7	-35.1
	%Change from 5-year mean	-17.2	-4.1	5.8	-6.0	-8.6	-21.3	-23.6

Figure 1. Missouri Department of Conservation regions.



TABLE 2. Estimates for RABBITS by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	4350	8.70	0.80	3.62	4.59	15711	19956
MDC NORTHEAST	7041	14.08	1.35	7.89	5.83	55597	41083
MDC KANSAS CITY	4416	8.83	0.76	3.49	4.65	15410	20550
MDC CENTRAL	9236	18.48	1.33	7.58	5.72	70052	52832
MDC ST LOUIS	6700	13.40	1.24	5.92	4.77	39677	31981
MDC SOUTHWEST	5350	10.70	1.04	8.27	8.05	44266	43052
MDC OZARK	3699	7.40	1.27	8.32	6.57	30758	24300
MDC SOUTHEAST	8199	16.39	1.20	6.94	5.79	56862	47489

TABLE 3. Estimates for SQUIRRELS by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	3950	6.18	1.06	7.23	6.92	28519	27308
MDC NORTHEAST	6163	9.65	1.38	10.63	7.79	65496	48048
MDC KANSAS CITY	5959	9.33	1.23	8.08	6.58	48153	39244
MDC CENTRAL	11497	18.00	1.63	12.12	7.47	139354	85850
MDC ST LOUIS	9747	15.26	1.57	11.95	7.67	116471	74763
MDC SOUTHWEST	8049	12.60	1.18	10.17	8.66	81848	69696
MDC OZARK	6622	10.37	1.60	14.52	9.16	96187	60649
MDC SOUTHEAST	10251	16.05	1.44	13.50	9.50	138368	97355

TABLE 4. Estimates for QUAIL by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	5499	25.19	1.16	8.02	7.25	44128	39854
MDC NORTHEAST	3253	14.91	1.79	12.45	7.01	40467	22787
MDC KANSAS CITY	1983	9.09	2.05	9.86	4.92	19546	9730
MDC CENTRAL	3575	16.38	1.57	8.17	5.26	29232	18797
MDC ST LOUIS	1349	6.18	2.16	9.74	4.52	13036	6067
MDC SOUTHWEST	2308	10.57	1.03	7.87	8.53	18164	19705
MDC OZARK	1344	6.16	1.65	10.46	6.55	14072	8821
MDC SOUTHEAST	1775	8.13	1.14	4.95	4.31	8801	7657

TABLE 5. Estimates for DOVES by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	3566	10.91	5.29	17.08	3.24	60850	11538
MDC NORTHEAST	2675	8.18	4.23	16.98	4.03	45402	10778
MDC KANSAS CITY	3278	10.03	2.97	14.93	5.11	48936	16772
MDC CENTRAL	4126	12.62	4.26	12.91	3.05	53226	12603
MDC ST LOUIS	5556	16.99	3.84	16.24	4.24	90242	23561
MDC SOUTHWEST	3980	12.17	3.38	12.10	3.60	48170	14315
MDC OZARK	782	2.39	3.97	10.50	2.63	8264	2058
MDC SOUTHEAST	7655	23.41	4.64	18.13	3.93	138818	30037

TABLE 6. Estimates for PHEASANTS by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	4525	52.39	0.35	1.44	4.18	6528	18939
MDC NORTHEAST	938	10.86	0.55	2.19	4.38	2046	4114
MDC KANSAS CITY	295	3.42	3.64	8.08	2.51	2362	731
MDC CENTRAL	805	9.32	3.02	8.58	2.91	6884	2330
MDC ST LOUIS	683	7.93	2.93	7.85	2.73	5371	1862
MDC SOUTHWEST	849	9.83	2.26	5.87	2.74	4947	2303
MDC OZARK	145	1.68	1.42	2.00	1.51	289	218
MDC SOUTHEAST	129	1.50	0.19	1.97	8.44	246	1077

TABLE 7. Estimates for WOODCOCK by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	81	6.30	0.00	0.00	3.00	0	243
MDC NORTHEAST	101	8.18	0.63	1.25	8.10	130	945
MDC KANSAS CITY	337	26.98	0.87	2.19	2.89	756	986
MDC CENTRAL	180	14.46	0.86	3.73	5.65	672	1013
MDC ST LOUIS	62	4.97	0.86	0.98	2.35	22	171
MDC SOUTHWEST	123	9.75	3.07	3.07	1.00	369	123
MDC OZARK	0	0.00	.	.	.	0	0
MDC SOUTHEAST	363	28.80	0.11	0.42	4.61	154	1727

TABLE 8. Estimates for CROWS by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	771	11.32	1.41	5.41	4.14	4212	3189
MDC NORTHEAST	509	7.48	1.28	3.49	3.56	1774	1814
MDC KANSAS CITY	778	11.45	6.79	20.72	2.73	15983	2121
MDC CENTRAL	1297	19.05	2.46	12.40	5.02	16237	6514
MDC ST LOUIS	703	10.35	3.22	17.78	5.10	12548	3601
MDC SOUTHWEST	1331	19.58	1.85	15.93	9.53	21030	12696
MDC OZARK	429	6.32	4.68	116.06	19.42	49800	8331
MDC SOUTHEAST	703	10.32	2.38	6.49	2.80	4586	1968

TABLE 9. Estimates for DUCKS by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	5765	18.30	1.96	19.34	9.88	111517	56930
MDC NORTHEAST	2436	7.74	1.80	19.90	11.15	48451	27150
MDC KANSAS CITY	5398	17.14	1.75	16.06	9.16	86673	49428
MDC CENTRAL	2632	8.36	2.03	17.21	8.41	45307	22143
MDC ST LOUIS	4811	15.28	1.59	19.06	12.02	91680	57836
MDC SOUTHWEST	2153	6.84	1.87	12.49	6.74	26862	14470
MDC OZARK	69	0.22	0.00	0.00	1.00	0	69
MDC SOUTHEAST	6475	20.56	2.02	19.65	9.77	127173	63261

TABLE 10. Estimates for CANADA GEESE by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	2276	15.68	1.09	10.57	9.68	24069	22030
MDC NORTHEAST	912	6.28	0.74	8.95	12.26	8190	11150
MDC KANSAS CITY	3526	24.29	0.85	6.58	7.70	23194	27137
MDC CENTRAL	2090	14.40	0.66	4.54	6.93	9481	14485
MDC ST LOUIS	2526	17.41	0.49	3.52	7.10	8882	17932
MDC SOUTHWEST	1287	8.86	0.32	2.12	7.16	2739	9217
MDC OZARK	0	0.00	.	.	.	0	0
MDC SOUTHEAST	971	6.69	0.59	5.15	8.68	5073	8543

TABLE 11. Estimates for SNOW GEESE by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	2164	34.16	3.31	19.31	5.89	42016	12748
MDC NORTHEAST	284	4.48	4.52	17.10	4.00	4943	1169
MDC KANSAS CITY	1463	23.10	1.38	6.78	5.38	9867	7892
MDC CENTRAL	633	10.00	2.88	15.51	5.91	9836	3756
MDC ST LOUIS	137	2.17	0.11	2.16	15.86	313	2311
MDC SOUTHWEST	123	1.95	0.00	0.00	4.46	0	555
MDC OZARK	0	0.00	.	.	.	0	0
MDC SOUTHEAST	1358	21.41	1.64	10.89	7.31	14786	9988

TABLE 12. Estimates for RACCOONS by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	1369	12.89	1.52	24.94	16.71	34205	23036
MDC NORTHEAST	1893	17.83	1.35	20.52	15.44	38844	29283
MDC KANSAS CITY	816	7.69	0.99	11.32	11.42	9239	9298
MDC CENTRAL	2066	19.47	1.17	17.88	15.13	36936	31308
MDC ST LOUIS	873	8.23	4.04	49.79	11.54	44261	10094
MDC SOUTHWEST	1255	11.83	0.54	8.24	15.52	10350	19441
MDC OZARK	815	7.68	1.13	20.62	18.00	16741	14648
MDC SOUTHEAST	1180	11.10	0.97	15.86	19.64	18643	23140

TABLE 13. Estimates for GROUND HOGS by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	59	1.70	1.00	1.00	1.00	59	59
MDC NORTHEAST	252	7.29	0.86	1.45	4.47	368	1151
MDC KANSAS CITY	447	12.91	0.61	1.86	3.03	849	1358
MDC CENTRAL	1001	28.89	0.59	3.22	6.11	3226	6133
MDC ST LOUIS	615	17.79	0.79	2.27	2.97	1388	1821
MDC SOUTHWEST	255	7.39	0.19	5.40	37.00	1397	9642
MDC OZARK	393	11.34	0.77	1.67	2.35	655	927
MDC SOUTHEAST	427	12.36	1.51	11.72	6.98	4969	2966

TABLE 14. Estimates for GRAY FOXES by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	0	0.00	.	.	.	0	0
MDC NORTHEAST	200	14.16	0.19	0.32	3.43	60	704
MDC KANSAS CITY	194	14.02	0.37	2.37	6.33	477	1222
MDC CENTRAL	71	5.11	0.00	0.00	10.03	0	716
MDC ST LOUIS	187	13.39	0.32	1.99	6.53	414	1222
MDC SOUTHWEST	447	31.90	0.08	1.78	29.57	792	13275
MDC OZARK	0	0.00	.	.	.	0	0
MDC SOUTHEAST	304	21.43	0.29	1.60	5.75	490	1740

TABLE 15. Estimates for RED FOXES by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	138	7.11	0.31	0.55	14.03	82	1785
MDC NORTHEAST	393	20.20	0.10	0.45	4.20	173	1656
MDC KANSAS CITY	196	10.13	0.29	1.38	4.03	284	802
MDC CENTRAL	143	7.33	0.01	0.49	24.67	71	3568
MDC ST LOUIS	201	10.41	0.00	0.00	8.55	0	1736
MDC SOUTHWEST	401	20.57	0.10	1.76	26.25	690	10582
MDC OZARK	0	0.00	.	.	.	0	0
MDC SOUTHEAST	410	20.95	0.26	1.39	5.68	584	2258

TABLE 16. Estimates for COYOTES by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	1906	10.71	0.21	2.05	10.15	3903	19384
MDC NORTHEAST	2199	12.34	0.31	2.10	6.65	4615	14630
MDC KANSAS CITY	2283	12.82	0.35	3.04	8.69	6926	19819
MDC CENTRAL	2144	12.04	0.41	3.87	9.13	8298	19562
MDC ST LOUIS	1688	9.49	0.30	2.04	6.95	3453	11739
MDC SOUTHWEST	2318	13.02	0.31	4.65	14.83	10772	34371
MDC OZARK	1739	9.77	0.30	4.05	13.80	7054	24061
MDC SOUTHEAST	2753	15.45	0.31	2.92	9.98	8037	27419

TABLE 17. Estimates for OPOSSUMS by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	444	11.80	0.63	2.30	3.93	1019	1756
MDC NORTHEAST	338	8.97	0.94	13.56	15.19	4544	5134
MDC KANSAS CITY	397	10.54	0.99	5.63	5.69	2276	2303
MDC CENTRAL	575	15.25	1.00	14.07	13.22	8072	7597
MDC ST LOUIS	460	12.21	2.37	32.48	11.45	15485	5337
MDC SOUTHWEST	621	16.50	0.34	3.31	10.80	2061	6712
MDC OZARK	423	11.23	1.27	9.44	7.29	3952	3052
MDC SOUTHEAST	355	9.40	0.37	4.20	20.25	1498	7315

TABLE 18. Estimates for BOBCATS by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	280	8.95	0.05	0.75	13.06	240	3703
MDC NORTHEAST	402	12.91	0.00	0.00	7.44	0	3043
MDC KANSAS CITY	350	11.25	0.35	1.45	4.23	496	1459
MDC CENTRAL	344	11.06	0.30	0.80	4.22	274	1451
MDC ST LOUIS	269	8.64	0.31	2.04	7.65	577	2084
MDC SOUTHWEST	578	18.58	0.05	0.76	21.05	436	12230
MDC OZARK	169	5.42	0.04	0.19	6.29	34	1052
MDC SOUTHEAST	606	19.42	0.25	1.18	5.16	712	3122

TABLE 19. Estimates for RUFFED GROUSE by MDC region, 2008-2009 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
MDC NORTHWEST	0	0.00	.	.	.	0	0
MDC NORTHEAST	29	19.21	0.03	1	30.14	29	873
MDC KANSAS CITY	0	0.00	.	.	.	0	0
MDC CENTRAL	0	0.00	.	.	.	0	0
MDC ST LOUIS	27	18.79	0.00	0	2.02	0	54
MDC SOUTHWEST	0	0.00	.	.	.	0	0
MDC OZARK	0	0.00	.	.	.	0	0
MDC SOUTHEAST	67	40.06	0.00	0	5.01	0	338